BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/07/2018-19 Dated: 16-02-2019

APPROVED TENDER SCHEDULE –'B'

Item-12

Name of Work:-Drilling of Borewells and providing pipeline in in ward no:02 of Yelahanka Sub Division

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Srl. P RAVICHANDRA	
				Rate	Rate In Words
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.30, I. 9.4) PRED.SR 2012-13	Each BW	3.00	2184.64	Rupees Two Thousand One Hundred Eighty Four and Paise Sixty Four Only
2	Sinking Borewell of 165mm dia clear, using fast rig in all strata including over-burden upto 20mts. Fixing of casing Pipes, collars and cap with necessary cutting and threading including, transportation of Rig and supporting vehicle, crew charge and cost of consumbles, etc, complete including yield testing at the final depth with a minimum woring of compressor for one hour. (excluding cost of casing pipes, collars and cap, etc.)				Rupees Zero
	a) 0.00 to50.00 Mtr	Rmtr	150.00	355.21	Rupees Three Hundred Fifty Five and Paise Twenty One Only
	b) 50.00 to 100.00 Mtr	Rmtr	150.00	464.32	Rupees Four Hundred Sixty Four and Paise Thirty Two Only
	c) 100.00 to 150.00 Mtr	Rmtr	150.00	516.56	Rupees Five Hundred Sixteen and Paise Fifty Six Only
	d) 150.00 to 200.00 Mtr	Rmtr	150.00	545.58	Rupees Five Hundred Forty Five and Paise Fifty Eight Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Srl. P RAVICHANDRA	
				Rate	Rate In Words
	e) 200.00 to 250.00 Mtr	Rmtr	150.00	631.48	Rupees Six Hundred Thirty One and Paise Forty Eight Only
	e) 250.00 to 300.00 Mtr	Rmtr	50.00	676.75	Rupees Six Hundred Seventy Six and Paise Seventy Five Only
3	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wall thickness 5mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty.PRED III NO 84	Rmtr	108.00	1493.28	Rupees One Thousand Four Hundred Ninety Three and Paise Twenty Eight Only
4	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM and testing complete as per specifications.. - 250mm dias. (Page No. 90 Item No. 12.116.5) PWD SR 2018-19	Rmtr	18.00	2478.84	Rupees Two Thousand Four Hundred Seventy Eight and Paise Eighty Four Only
5	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings. PAGE NO XLII PWD SR 2018-19	Set	3.00	71562.25	Rupees Seventy One Thousand Five Hundred Sixty Two and Paise Twenty Five Only
6	KSRB13-1.1 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.8 (Page 92 ITEM NO 13.6) PWD SR 2018-19	Mtr	675.00	611.65	Rupees Six Hundred Eleven and Paise Sixty Five Only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
				Rate	Rate in Words
7	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm KPWD Electrical SR 2014-15	Mtr	1380.00	212.66	Rupees Two Hundred Twelve and Paise Sixty Six Only
8	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44 No.6.6.6 KPWD Electrical SR 2014-15	Each	3.00	340.35	Rupees Three Hundred Forty and Paise Thirty Five Only
9	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.P No.55/ I No.7.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2014-15	Nos	75.00	158.23	Rupees One Hundred Fifty Eight and Paise Twenty Three Only
10	Labour charges for laying of 1.1 K.V class UG cable, P No. 61 / I No. 7.8.1 In existing trencg/duct 6 Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15	Nos	75.00	12.17	Rupees Twelve and Paise Seventeen Only
11	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., completeP No. 62/ I. No.7.9.4 KPWD Electrical SR 2014-15	Mtr	60.00	131.86	Rupees One Hundred Thirty One and Paise Eighty Six Only
12	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class P. No. 62/ I No.7.12.1 KPWD Electrical SR 2014-15	Mtr	9.00	388.82	Rupees Three Hundred Eighty Eight and Paise Eighty One Only
13	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No.62/ I No. 7.13.2 KPWD Electrical SR 2014-15	Nos	3.00	315.56	Rupees Three Hundred Fifteen and Paise Fifty Six Only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
				Rate	Rate In Words
14	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (P No.55, I No. 7.1) KPWD Electrical SR 2014-15	Nos	3.00	3073.33	Rupees Three Thousand Seventy Three and Paise Thirty Three Only
15	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No 45/I No 6.7.4 KPWD Electrical SR 2014-15	Nos	9.00	405.72	Rupees Four Hundred Five and Paise Seventy Two Only
16	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... P No62 I No 7.14.2 KPWD Electrical SR 2014-15	Rmtr	18.00	96.92	Rupees Ninety Six and Paise Ninety Two Only
17	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications pno 47 IT 6.16.5 KPWD Electrical SR 2014-15	Rmtr	3.00	1743.47	Rupees One Thousand Seven Hundred Forty Three and Paise Forty Seven Only
18	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 P.No. 49, I. No.6.40.2 KPWD Electrical SR 2014-15	sqm	73350.00	0.37	Rupees and Paise Thirty Seven Only
19	KSRB13-7.1 : Providing and fixing in position nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13 - 50 mm Page No.95 Item No. 13.55 / PWD SR 2018-19	Nos	3.00	1588.84	Rupees One Thousand Five Hundred Eighty Eight and Paise Eighty Four Only
20	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. - 50 mm P. No.97/ I. No. 13.81.3 PWD SR 2018-19	Rmtr	9.00	250.87	Rupees Two Hundred Fifty and Paise Eighty Seven Only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
				Rate	Rate in Words
21	Gate value 50mm nominal bore-gun metal P. No.XXVI sl No. 661 PWD SR 2018-19	Nos	12.00	1575.90	Rupees One Thousand Five Hundred Seventy Five and Paise Ninety Only
22	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum-control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. (Data rate)	Nos	3.00	11270.00	Rupees Eleven Thousand Two Hundred Seventy Only
23	KSRB 2-1 : Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1. KSRB 2-1.1: – do – Ordinary soil (P.No.6, I.No.2.1) PWD SR 2018-19	cum	118.80	297.46	Rupees Two Hundred Ninety Seven and Paise Forty Six Only
24	KSRB13-9.4 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9 (Page no.96, Item No.13.73.2) PWD SR 2018-19	Rmtr	330.00	444.40	Rupees Four Hundred Forty Four and Paise Forty Only
25	KSRRB M1200-46. Sand filling in wells complete as per drawing and technical specifications including cost of all materials, labour, HOM, form works, scaffolding & centering complete as per specifications. MORTH Specification No.1207 (P.No.217, I.No.27.17 of PW, P&IWTD SR 2018-19)	cum	29.70	3293.57	Rupees Three Thousand Two Hundred Ninety Three and Paise Fifty Seven Only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri. P RAVICHANDRA	
				Rate	Rate In Words
26	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page No. 7, Item No. 2.11) PWD SR 2018-19	cum	118.80	144.55	Rupees One Hundred Forty Four and Paise Fifty Five Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.

Executive Engineer
Yelahanka Division
Yelahanka Zone
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"DTS approved"